

Docket: 14036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Michael R. Oldenburg	
Appln. No.:	09/855,001	
Filing Date:	May 14, 2001	Examiner: V. Patel
Title:	RETROFITTABLE SEVERE DUTY SEAL FOR A SHAFT	Group Art Unit: 3676

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)(4)**

Mail Stop **RCE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail
addressed to: Mail Stop **RCE**, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1540 on this 8 day of September, 2003.

KrisAnne Popovits
KrisAnne Popovits

Dear Sir:

Pursuant to 37 CFR § 1.97(b)(4), the references listed on the attached Form PTO/SB/08A (14 sheets, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the identified references are enclosed as necessary. This Information Disclosure Statement ("IDS") is filed before the mailing of the first office action after the filing of a request for continued examination ("RCE") under 37 CFR § 1.114.

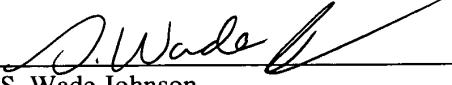
In accordance with 37 CFR 1.97(b), no statement or fee is required. However, the Office is hereby authorized to charge any fees associated with this communication to Deposit Account 04-1420.

Pursuant to the Manual of Patent Examining Procedure, Chapter 609, applicant requests that the Examiner consider each of the listed documents and initial and return to the undersigned a copy of the enclosed Form PTO/SB/08A.

Respectfully submitted,

**DORSEY & WHITNEY LLP
Customer Number 25763**

Date: 9-8-03

By: 
S. Wade Johnson
Reg. No. 50,873
Intellectual Property Department
Suite 1500
50 South Sixth Street
Minneapolis, MN 55402-1498
(612) 340-8835

Substitute for form 1449A/PTO				Application Number	09/855,001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date	May 14, 2001
Sheet	1	of	14	First Named Inventor	Michael R. Oldenburg
				Art Unit	3676
				Examiner Name	V. Patel
				Attorney Docket Number	14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,847,453	11-12-1974	Herbert	
		US- 4,156,531	5-29-1979	Boucquey	
		US- 4,418,919	12-6-1983	Wentworth	
		US- 4,448,426	5-15-1984	Jackowski et al	
		US- 4,457,521	7-3-1984	Morley	
		US- 4,491,332	1-1-1985	Zumbusch	
		US- 4,497,495	2-5-1985	Christiansen	
		US- 4,501,431	2-26-1985	Peisker et al.	
		US- 4,513,976	4-30-1985	Bentley et al.	
		US- 4,526,377	7-2-1985	Hale et al.	
		US- 4,550,920	11-5-1985	Matsushima	
		US- 4,613,005	9-23-1986	Olsson	
		US- 4,667,968	5-26-1987	Nash et al.	

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	54-132050	10-13-1979			<input type="checkbox"/>	<input checked="" type="checkbox"/>
		JP	56-138566	10-29-1981			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2-102974	4-16-1990			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03020175 A	1-29-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03260478 A	11-20-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08338534 A	12-24-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11223198 A	8-17-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO		SEP 11 2003		Application Number	09/855,001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date	May 14, 2001	
Sheet		2	of	14	Examiner Name	Michael R. Oldenburg
				Art Unit	3676	
				Attorney Docket Number	V. Patel	
				14036		

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,808,012	2-28-1989	Otto	
		US- 4,819,999	4-11-1989	Livesay et al.	
		US- 4,856,794	8-15-1989	Boyers et al.	
		US- 4,936,433	6-26-1990	Kyle	
		US- 5,004,248	4-2-1991	Messenger et al.	
		US- 5,201,529	4-13-1993	Heinzen	
		US- 5,209,499	5-11-1993	Ruff, Jr. et al.	
		US- 5,209,502	5-11-1993	Savoia	
		US- 5,299,811	4-5-1994	Kershaw	
		US- 5,380,015	1-10-1995	Laflin et al.	
		US- 5,470,157	11-28-1995	Dougherty et al.	
		US- 5,480,161	1-2-1996	Borowski	
		US- 5,503,408	4-2-1996	Hermann et al.	

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	2001074143 A	3-23-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001263500 A	9-26-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001317635 A	11-16-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001329984 A	11-30-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002122087 A	4-26-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002228009 A	8-14-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-228009 A	8-14-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

3

of

14

Application Number

09/855,001

Filing Date

May 14, 2001

First Named Inventor

Michael R. Oldenburg

Art Unit

3676

Examiner Name

V. Patel

Attorney Docket Number

14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,577,741	11-26-1996	Sink	
		US- 5,607,168	3-4-1997	Dahll	
		US- 5,676,383	10-14-1997	Chandler	
		US- 5,687,972	11-18-1997	Petrak	
		US- 5,836,700	11-17-1998	Wilkie, Jr. et al.	
		US- 5,975,538	11-2-1999	Krause et al.	
		US- 6,050,572	4-18-2000	Balsells et al.	
		US- 6,073,933	6-13-2000	Johnston	
		US- 6,170,833	1-9-2001	Cox et al.	
		US- 6,220,600	4-24-2001	Tripathy et al.	
		US- 6,357,751	3-19-2002	Rentschler	
		US- 6,406,026	6-18-2002	Oldenburg	

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	TRANSLATION	
		Country Code:	Number - Kind Code (if known)			YES	NO
		JP	2002276816 A	9-25-2002		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 036 281 B1	7-20-1983		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 086 002 A1	8-17-1983		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 091 983 A1	10-26-1983		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 128 241 A2	12-19-1984		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		PCT	WO 85/03558	8-15-1985		<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				Application Number	09/855,001	
SEP 11 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date	May 14, 2001	
Sheet	4	of	14	First Named Inventor	Michael R. Oldenburg	
				Art Unit	3676	
				Examiner Name	V. Patel	
				Attorney Docket Number	14036	

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0 172 348 A1	2-26-1986			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 213 652 A1	3-11-1987			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 230 120 A2	7-29-1987			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 260 441 A2	3-23-1988			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 281 452 A1	9-7-1988			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 172 881 B1	9-21-1988			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 301 731 A2	2-1-1989			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 303 359 A1	2-15-1989			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 304 160 A1	2-22-1989			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 337 893 A1	10-18-1989			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 385 635 A2	9-5-1990			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 385 635 A3	4-10-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 394 025 A1	10-24-1990			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

5 of 14

Application Number

09/855,001

Filing Date

May 14, 2001

First Named Inventor

Michael R. Oldenburg

Art Unit

3676

Examiner Name

V. Patel

Attorney Docket Number

14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0 420 212 A2	4-3-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 420 212 A3	12-2-1992			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 427 553 A1	5-15-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 454 193 A1	10-30-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 474 950 A1	3-18-1992			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 253 839 B1	4-15-1992			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 505 793 A1	9-30-1992			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 525 288 A1	2-3-1993			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 556 494 A1	8-25-1993			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 562 160 A1	9-29-1993			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 571 284 A1	11-24-1993			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 596 196 A2	5-11-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 596 196 A3	6-14-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 611 904 A1	8-24-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	6	of	14	Attorney Docket Number	14036
-------	---	----	----	------------------------	-------

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0 516 708 B1	12-21-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 631 072 A1	12-28-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 736 711 A1	10-9-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 744 567 A1	11-27-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 789 152 A2	8-13-1997			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 789 152 A3	4-29-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 798 498 A1	10-1-1997			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 814 288 A1	12-29-1997			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 843 114 A2	5-20-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 843 114 A3	7-7-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 846 900 A1	6-10-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 864 770 A1	9-16-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 913 605 A2	5-6-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 913 605 A3	5-31-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003
CITE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

7 of 14

Application Number 09/855,001

Filing Date May 14, 2001

First Named Inventor Michael R. Oldenburg

Art Unit 3676

Examiner Name V. Patel

Attorney Docket Number 14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0 921 334 A1	6-9-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 940 609 A2	9-8-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 945 656 A2	9-29-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 945 656 A3	8-9-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 670 976 B1	11-3-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 999 364 A2	5-10-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 999 364 A3	2-14-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	0 999 388 A1	5-10-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 016 800 A2	7-5-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 016 800 A3	2-28-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 024 318 A2	8-2-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 024 318 A3	4-25-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 050 700 A2	11-8-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 050 700 A3	11-21-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

8

of

14

Application Number	09/855,001
Filing Date	May 14, 2001
First Named Inventor	Michael R. Oldenburg
Art Unit	3676
Examiner Name	V. Patel

Attorney Docket Number

14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	1 055 849 A2	11-29-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 055 849 A3	4-17-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 096 184 A2	5-2-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 106 878 A2	6-13-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 106 878 A3	3-13-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		PCT	WO 01/90610 A1	11-29-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 164 319 A2	12-19-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 182 133 A1	2-27-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 201 975 A2	5-2-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 231 418 A2	8-14-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		EP	1 245 874 A2	10-2-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-276816	9-25-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-139058	5-17-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-130306	5-9-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				Application Number	09/855,001	
				Filing Date	May 14, 2001	
				First Named Inventor	Michael R. Oldenburg	
				Art Unit	3676	
				Examiner Name	V. Patel	
Sheet		9	of	14	Attorney Docket Number	14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	2002-048147	2-15-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-349442	12-21-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-317635	11-16-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-183955	7-6-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-125374	5-11-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-074143	3-23-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-065703	3-16-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-050287	2-23-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2000-346203	12-15-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2000-297757	10-24-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2000-193096	7-14-2000			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-344128	12-14-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-248004	9-14-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-223198	8-17-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

10 of 14

Application Number	09/855,001
Filing Date	May 14, 2001
First Named Inventor	Michael R. Oldenburg
Art Unit	3676
Examiner Name	V. Patel
Attorney Docket Number	14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	11-218095	8-10-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-210684	8-3-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-173239	6-29-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-013893	1-22-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	10-220590	8-21-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	10-169787	6-26-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	10-009401	1-13-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	09-268981	10-14-1997			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	09-088886	3-31-1997			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08-338534	12-24-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08-254213	10-1-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08-004776	1-9-1996			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	07-332377	12-22-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	07-291186	11-7-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

11 of 14

Application Number

09/855,001

Filing Date

May 14, 2001

First Named Inventor

Michael R. Oldenburg

Art Unit

3676

Examiner Name

V. Patel

Attorney Docket Number

14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	07-071612	3-17-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	06-201054	7-19-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	06-300141	10-28-1994			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	05-223174	8-31-1993			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	04-203658	7-24-1992			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03-265765	11-26-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03-010993	1-18-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	62-037571	2-18-1987			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	60-245874	12-5-1985			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	60-139970	7-24-1985			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	59-126164	7-20-1984			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	59-126162	7-20-1984			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	58-068552	4-23-1983			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-122087	4-26-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 12 of 14

Application Number 09/855,001

Filing Date May 14, 2001

First Named Inventor Michael R. Oldenburg

Art Unit 3676

Examiner Name V. Patel

Attorney Docket Number 14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	TRANSLATION	
		Country Code:	Number - Kind Code (if known)			YES	NO
		JP	2002-122086	4-26-2002		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-115668	4-19-2002		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-115667	4-19-2002		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-329984	11-30-2001		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2000-065217	3-3-2000		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	10-003212	1-6-1998		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08-296743	11-12-1996		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	08-190268	7-23-1996		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	63-239314	10-5-1988		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	63-071583	3-31-1988		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	55-082857	6-21-1980		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	54-158556	12-14-1979		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	53-099156	8-30-1978		<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-124214	5-11-2001		<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

SEP 11 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

13 of 14

Application Number 09/855,001

Filing Date May 14, 2001

First Named Inventor Michael R. Oldenburg

Art Unit 3676

Examiner Name V. Patel

Attorney Docket Number 14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

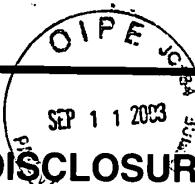
FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		JP	07-174238	7-11-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	07-042848	2-10-1995			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03-020175	1-29-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-355645	12-26-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	11-248004	9-14-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-228008	8-14-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-115762	4-19-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-048246	2-15-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2001-263500	9-26-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	10-331984	12-15-1998			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	03-260478	11-20-1991			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	56-105157	8-21-1981			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-206549	7-26-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>
		JP	2002-122087	4-26-2002			<input checked="" type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10/01) (modified)

Substitute for form 1449A/PTO

SEP 1 1 2033

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 14 of 14

Application Number 09/855 001

Filing Date May 14, 2001

First Named Inventor Michael R. Oldenburg

Art Unit 3676

Examiner Name V. Patel

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER SIGNATURE

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.